03C#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mohamad Haidar	§	Group Art Unit:
Filed: May 7, 2001	§	Examiner:
Serial No. 09/852,338	§	
For: *System for Providing Continuous Cyber Link Between Inbetted Controllers and Web Servers*	§	Atty. Dkt.: DDDI:004

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on attached form PTO-1449 be considered by the Examiner and made of record. Copies of the listed references are enclosed for convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined in 37 C.F.R. § 1.56(a) exists.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks
Washington, D.C. 20231
Name of applicant assignee,
or Registered Representative, _____
Signature Melinda Bliler Date 6-20-01

U.S. Patent No. 4,995,053 (Simpson, et al) appears to relate to a system for remote control for electrical components or an electrical appliance of that provides control of electrical power flow in response to spread spectrum radio signals propergated through free space within the building.

U.S. Patent No. 5,086,385 (Launey, et al) appears to relate to a system for and a method of providing an expandable home automation controller to support multiple numbers and multiple different types of data communications with both appliances and subsystems within the home as well as systems external to the home, through a central processor connected by means of a data bus to control various products and subsystems within the house or commercial building as well as to allow for the input of commands by a variety of means.

U.S. Patent No. 5,232,307 (Wolf, et al) appears to relate to an automation panel box which includes one or more circuit breaker control modules, one or more device control modules, and a power module for providing power to the control modules. The circuit breaker control module appears to provide signals to operate motorized circuit breakers, so as to turn on or off the power to a device being managed and the device control module provides signals to control individual appliances. Each of the two control modules is disclosed as being capable of controlling up to eight different circuit breakers or eight different individual devices. A facility computer appears to communicate with the modules over a bus and issues commands to cause certain automatic functions of energy management to occur.

U.S. Patent No. 5,400,246 (Wilson, et al) appears to relate to a peripheral data acquisition, monitor, and adaptive control system in which a personal computer and one or more input/output bridge devices interface signals from electronically-controlled devices to the personal computer via the keyboard port permitting data to be automatically and directly entered into application programs

such that the personal computer can take action and control outputs based on the measurement data. The system appears to be adapted to interface with a wireless or AC power-line transmission media. This patent also appears to relate to a software control program which appears to allow the user to configure the system for orienting the user as to which devices are being controlled, reading digital and analog inputs, making decisions based upon the information using specific user-defined conditions, and setting digital outputs.

U.S. Patent No. 5,699,276 (Roos) appears to relate to a utility meter interface apparatus connected between a utility company and a home including a utility meter for measuring utility usage and a computer located external to the home that is disclosed as being connected to the utility meter and appears to provide an interface between a communication network and a device located inside the home.

U.S. Patent No. 5,801,940 (Russ, et al) appears to relate to a fault-tolerant heating ventilation and air-conditioning (HVAC) system capable of continued operation in the event of thermostat malfunction where a HVAC controller appears to control the operation of a HVAC unit in accordance with the temperature signal output from the thermostat and indicative of air temperature of a conditioned space approximate to the thermostat. The HVAC controller appears to detect a thermostat malfunction and respond by controlling the operation of the HVAC unit in accordance with a temperature sensor outputting a signal indicative of return air temperature from the conditioned space.

U.S. Patent No. 5,880,677 (Lestician) appears to relate to a system that monitors and controls electrical power consumption that is disclosed as being retrofitted to a typical consumer electrical power arrangement including a control unit which appears to receive information from an

electromagnetic pickup device from which real time electrical consumption is determined over very short periods of time. The control unit appears to have a main data processing and storage processor for retaining information and may include a communication microprocessor for sending signals to corresponding modules which appear to have filters that release electrical power to theindividual electrical devices, appliances, and outlets at a controlled, economic rate. This patent also appears to relate to an electromagnetic pickup device that measures the electromagnetic flux emanating at each output wire from each of the individual circuit breakers in a breaker box.

U.S. Patent No. 5,886,894 (Rakoff) appears to relate to a security or automation system for domestic or business premises that appears to have plural units connected to a network by a communications bus including one master unit that and at least one user interface unit remote from the master unit that appears to interpret and respond to forms containing information for display, data capture, annunciation, and timeout specification as stored in an transmitted from the master unit.

U.S. Patent No. 6,005,861 (Humpleman) appears to relate to a home network architecture that includes an internal digital network which is disclosed as interconnecting devices in the home where entertainment services appear to be introduced into the network through network interface units that appear to be coupled to an external network and to the internal network.

U.S. Patent No. 6,061,602 (Meyer) appears to relate to an interactive graphical application program combining the graphical command language in a control program to enable the user to graphically select and generate an automation sequence to control an automation application. A computer system appears to store a first program containing flow sequences and a set of controls representing possible hardware use in the automation application and the first program appears to be automatically linked with the controls to enable an application software program to be generated

in response to user commands.

U.S. Patent No. 6,061,603 (Papadopoulous, et al) appears to relate to a control system allowing a user to access a programmable logic controller (PLC) system over a communication network such as an internet network using a web browser and including an internet web interface between the network and the programmable logic controller. The Web interface serves Web pages from an Ethernet interface on a PLC and appears to include an HTTP protocal interpreter and a TCP/IP stack and appears to provide access to the PLC by a user at a remote location through the Internet.

U.S. Patent No. 6,104,334 (Allport) appears to relate to a remote control, capable of interacting with the internet, using infrared commands to control various consumer appliances made by various manufacturers.

U.S. Patent No. 6,104,963 (Cebasek, et al) appears to relate to a distributive computer-implemented building automation system for supporting applications that appears to interact with building automation devices having a first device and second device interconnected across a network channel.

U.S. Patent No. 6,108,696 (Mendhekar, et al) appears to relate to a transducer for transforming a set of syntactic and sampled data from a general purpose system to control a special purpose system including a first and second transducer modules. The first transducer module appears to be coupled to the general purpose system for receiving the syntactic and sample data from the general purpose system and to transform the received data into a different set of syntactic and sampled data. The second transducer module appears to be coupled to the first transducer module for receiving the syntactic and sampled data from the first transducer module, and transforming said

data into another set of syntactic and sample data that appear to be different from the other two sets of syntactic and sampled data to the control of the special purpose system.

U.S. Patent No. 6,121,593 (Mansbery, et al) appears to relate to a self contained refrigerator and oven for refrigerating and cooking food in the same enclosed chamber which appears to be actuated by the operator from a variety of remote locations around the world via telephone or internet.

U.S. Patent No. 6,138,150 (Nichols, et al) appears to relate to a personal computer or workstation running a web browser point and click interface that appears to be used to display and send information for remotely controlling computer such as a mainframe. A web site appears to be constructed on a secure hypertext transfer protocol server which appears to comprise a Hardware Management Console (HMC) that appears to reflect, via a drag and drop interface and vice-versa, any action initiated by a remote web-browser.

U.S. Patent No. 6,140,987 (Stein, et al) appears to relate to a user interface particularly suited for use in a home automation system that appears to combine advantages of conventional touch screen with the advantages of a conventional mechanical keypad utilizing a liquid crystal display separated into separate displaced sections each having a durable scratch resistant lens.

U.S. Patent No. 6,160,993 (Wilson) appears to relate to a method in apparatus for providing command and control of remote systems using low earth orbit satellite communications. A programmable transceiver apparatus appears to provide a two-way communications path between a remote user and a control center via a low earth orbit satellite at frequencies below 1 GHz.

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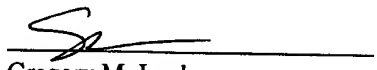
The contents contained in this Information Disclosure Statement are believed to constitute a concise explanation of the relevance of each listed reference to the invention claimed in the present

application. 37 C.F.R. § 1.98(a). These comments, however, are not intended to take the place of the Examiner's complete consideration of each listed reference.

Respectfully submitted,



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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		DDDI:004	
		APPLICANT Mohamad Haidar	
		FILING DATE: May 7, 2001	GROUP

U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOC. NUMBER	DATE	NA MES	CLASS	SUBCLASS	FILING DATE
	A	4,995,053	02/19/91	Simpson, et al.	375	1	04/25/90
	B	5,086,385	02/04/92	Launey et al.	364	188	01/31/89
	C	5,323,307	06/21/94	Wolf et al.	364	140	11/29/90
	D	5,400,246	03/21/95	Wilson et al.	364	146	08/05/92
	E	5,699,276	12/16/97	Roos	364	514 A	12/15/95
	F	5,801,940	09/01/98	Russ et al.	364	138	02/12/96
	G	5,880,677	03/09/99	Lestician	340	825.06	10/12/96
	H	5,886,894	03/23/99	Rakoff	364	132	03/28/95
	I	6,005,861	12/21/99	Humpleman	370	352	03/03/99
	J	6,061,602	05/09/00	Meyer	700	83	06/23/98
	K	6,061,603	05/09/00	Papadopoulos et al.	700	83	10/16/98
	L	6,104,334	08/15/00	Allport	341	175	12/31/97
	M	6,104,963	08/15/00	Cebasek et al.	700	86	04/03/98
	N	6,108,696	08/22/00	Mendhekar et al.	709	217	11/16/97
	O	6,121,593	09/19/00	Mansbery et al.	219	679	08/19/98
	P	6,138,150	10/24/00	Nichols et al.	709	219	09/03/97
	Q	6,140,987	10/31/00	Stein et al.	345	87	09/18/96
	R	6,160,993	12/12/00	Wilson	455	12.1	02/23/96

FOREIGN PATENT DOCUMENTS

		DOC. NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES - NO
	S						

OTHER PRIOR ART (Including Author, Title, Data, Pertinent Pages, Etc.)

	T						

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not in conference and not considered. Include copy of this form with next communication to applicant.